

DP-309885

APPARATUS AND METHOD FOR SETTING PRESSURE IN A FUEL  
DELIVERY SYSTEM

## 5 ABSTRACT

A fuel delivery system for a vehicle having an engine,  
comprising: a pump being configured to provide fuel to the engine; a fluid  
pathway being in fluid communication with an outlet port of said pump at one  
end; a regulator being disposed in the fluid pathway, the regulator regulating  
10 pressure of the fuel when said pump is pumping fuel into the fluid pathway; and  
a combination valve being disposed in the fluid pathway, the regulator being  
located between the combination valve and the outlet port of the pump, wherein  
the combination valve provides a check valve configured to allow fuel flow in a  
first direction and a system pressure relief valve configured to allow fuel flow in  
15 a second direction, the first direction being opposite to the second direction and  
the first direction being the same direction fuel is pumped in the fluid pathway  
by the pump.